

Pat. No. 5,442,660

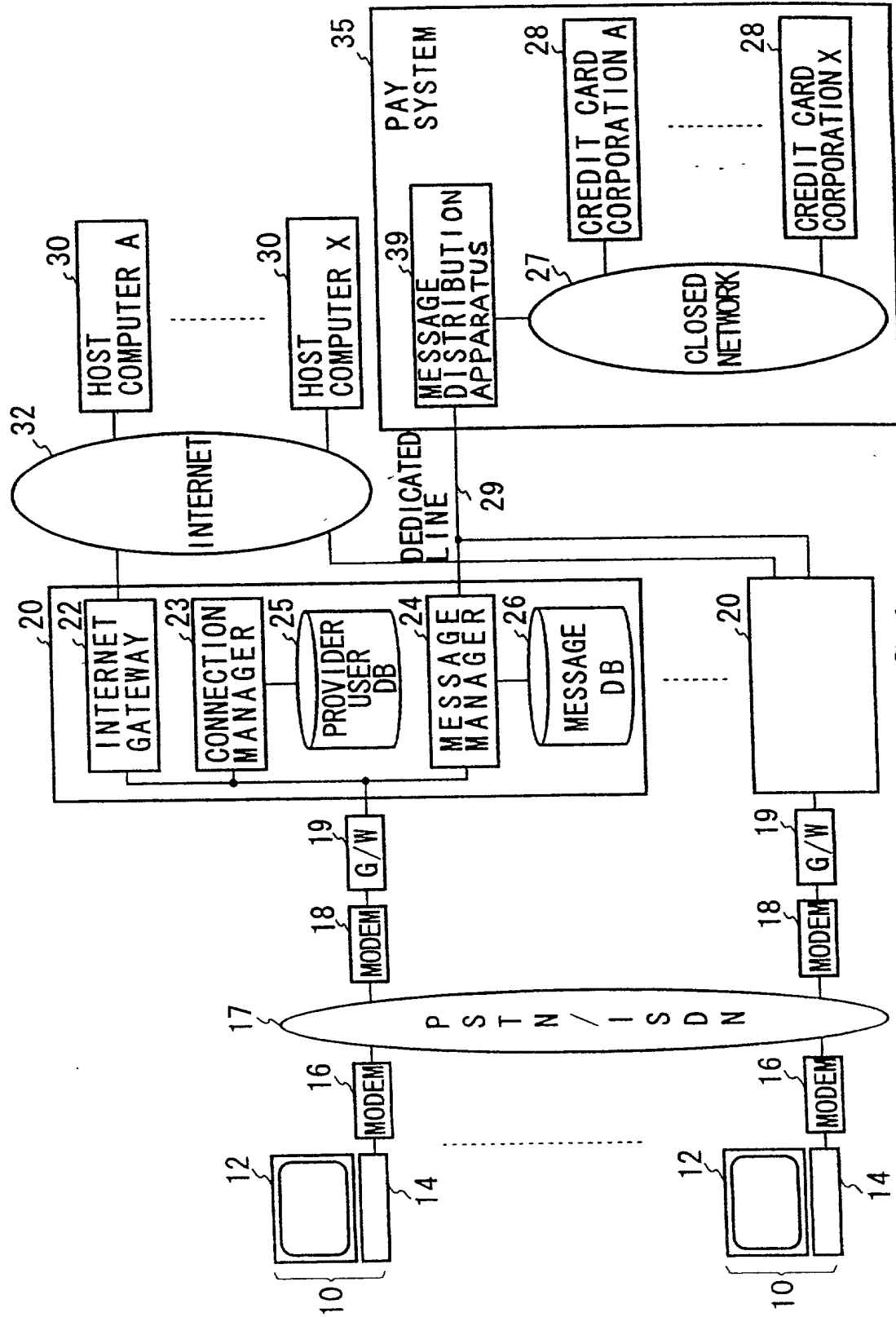


FIG. 1

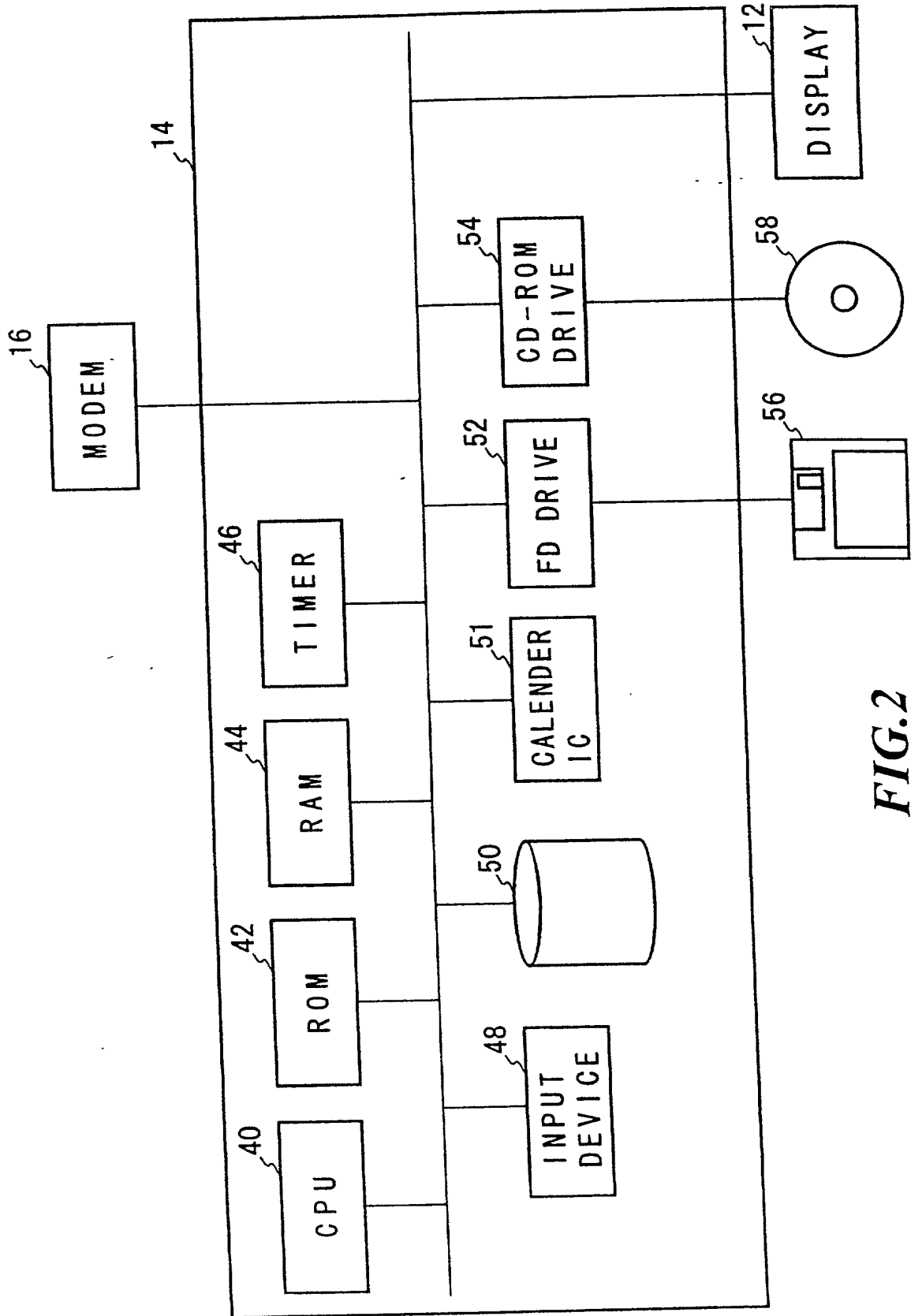


FIG.2

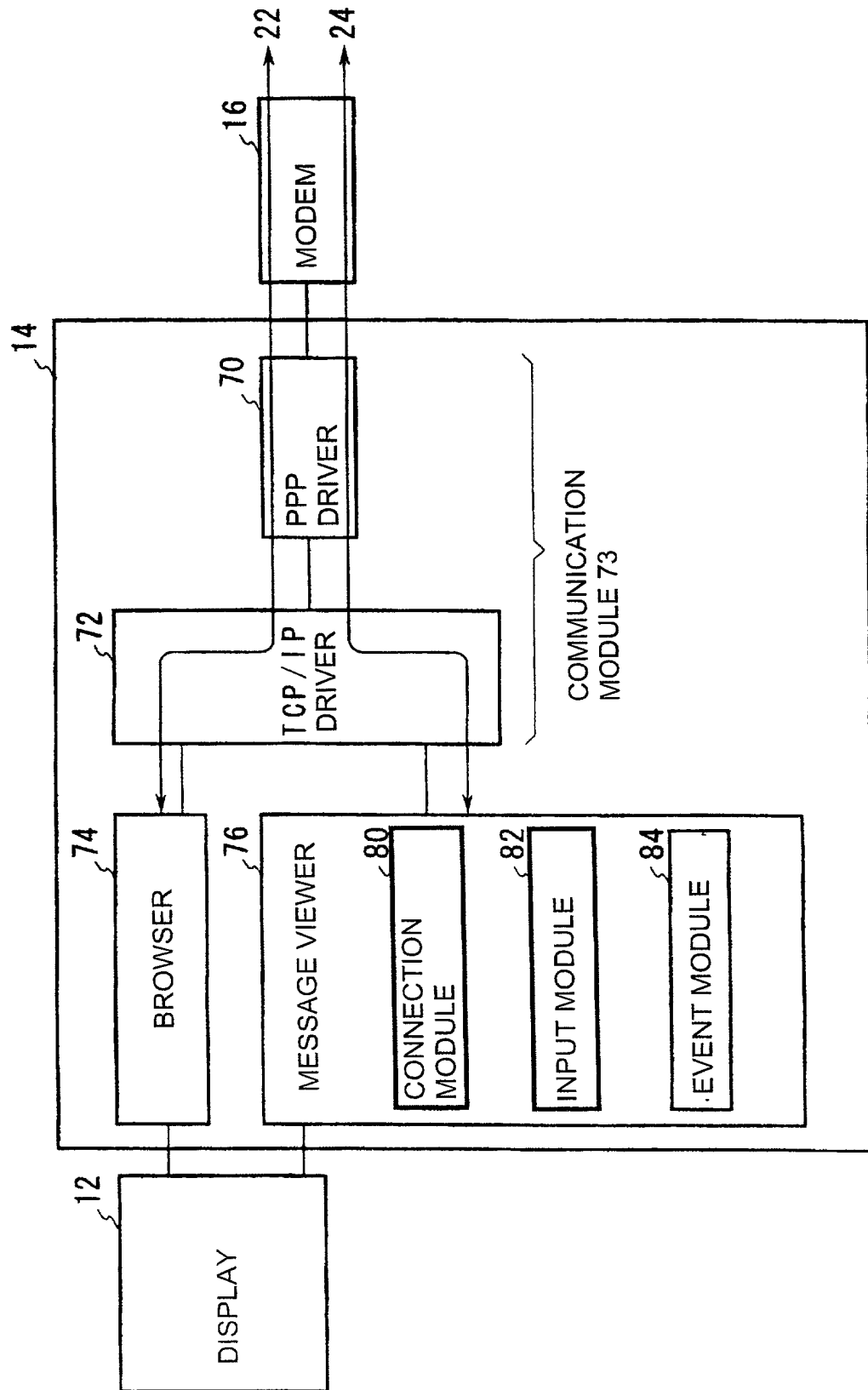


FIG.3

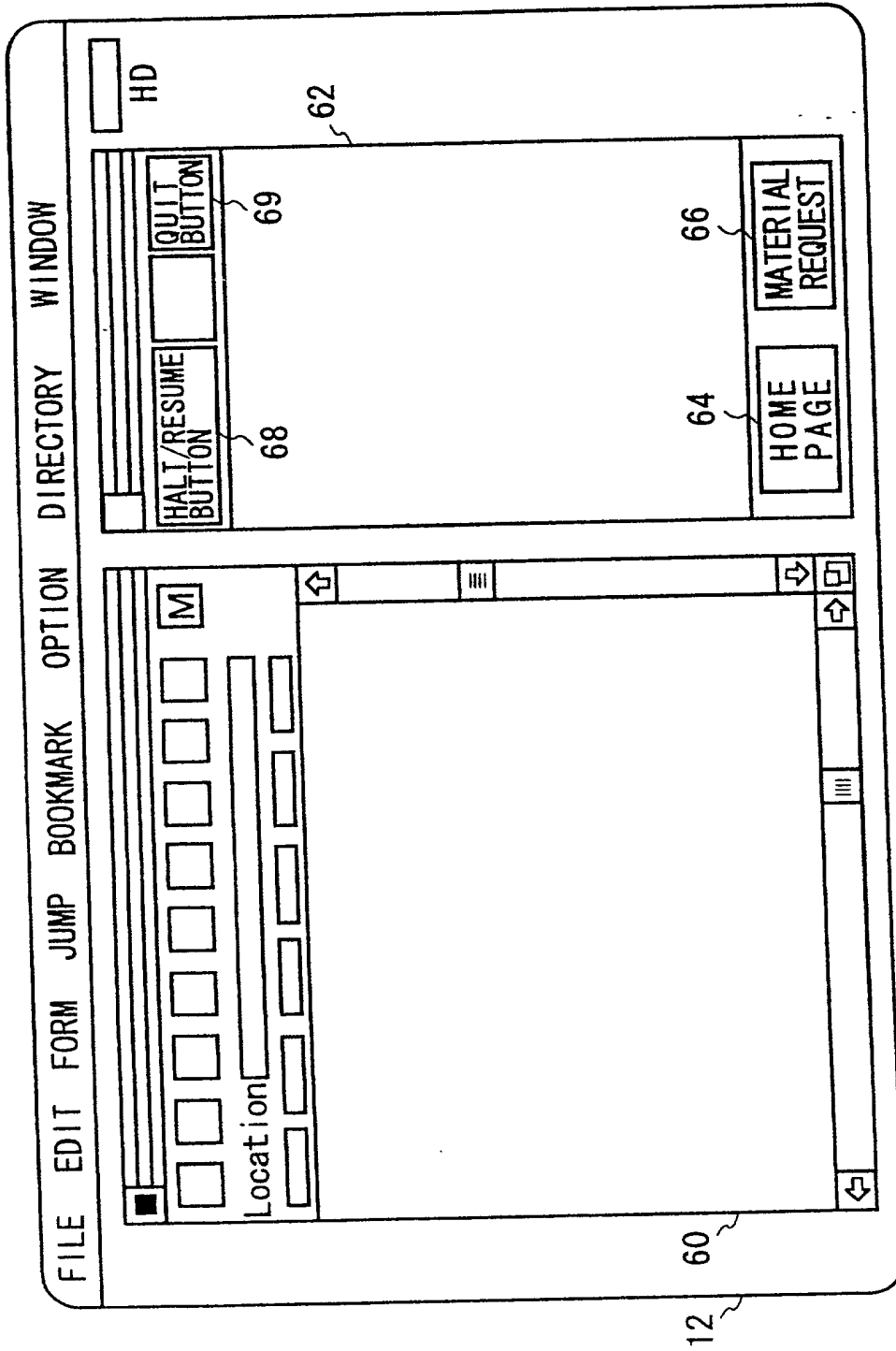


FIG.4

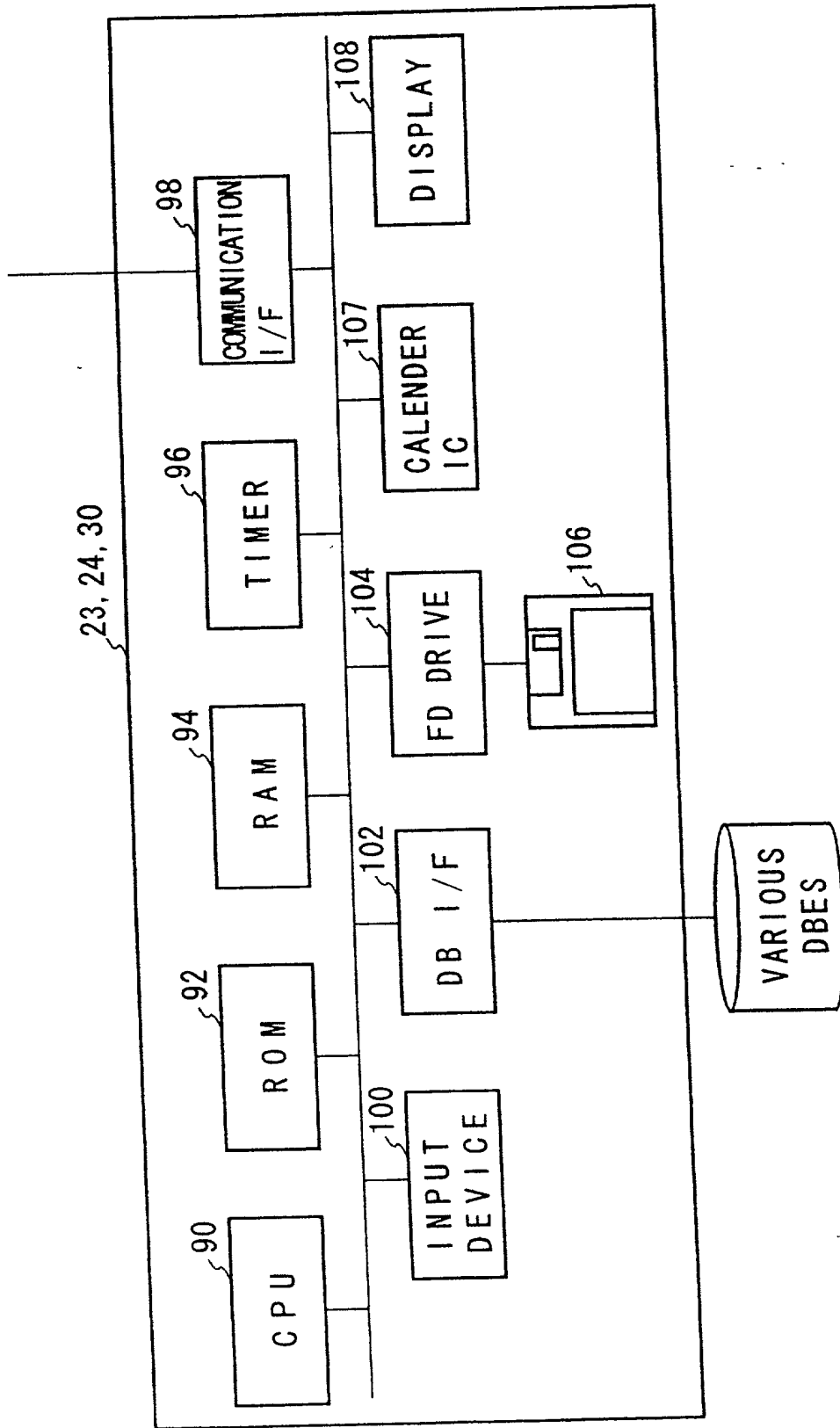


FIG.5

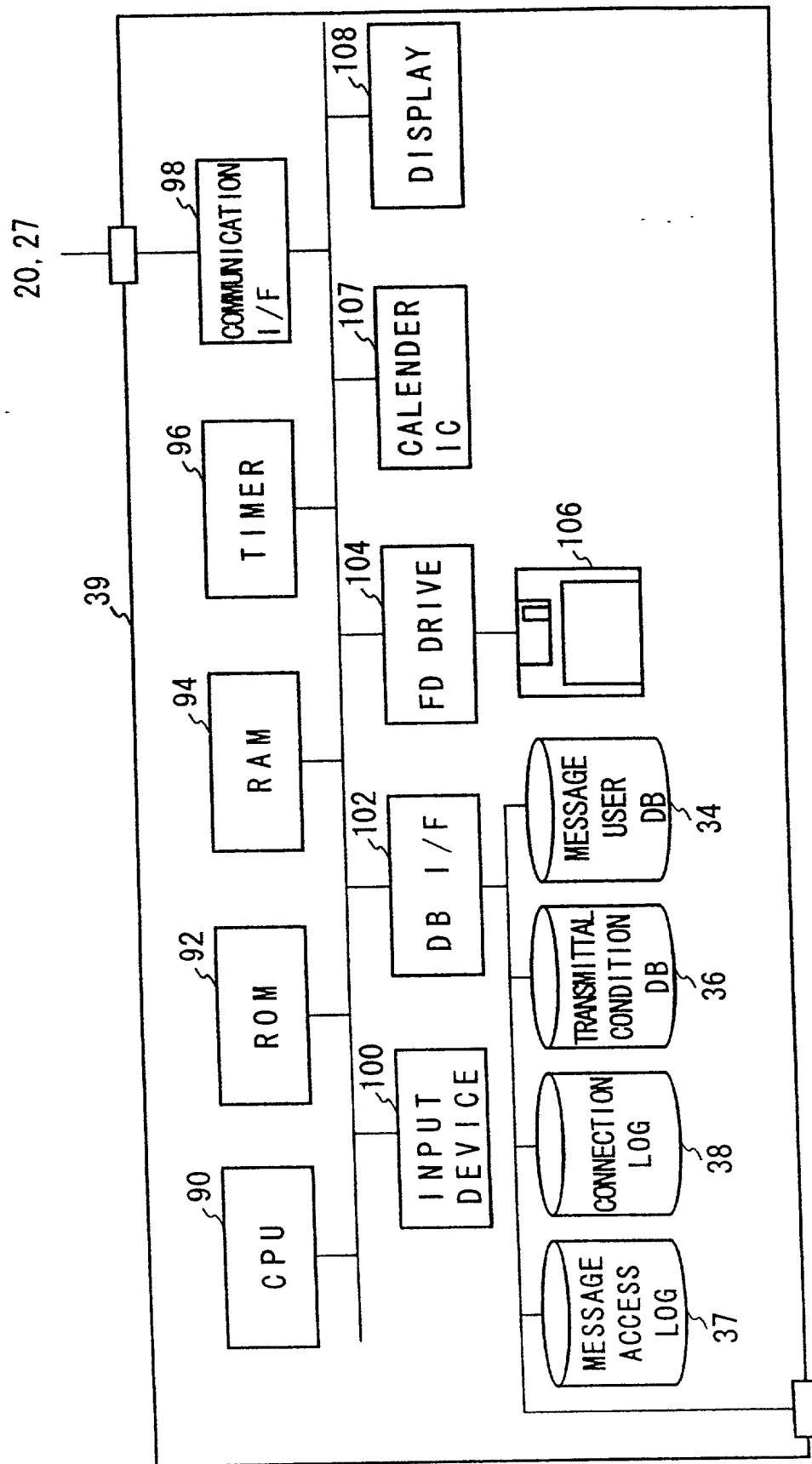


FIG. 6



MESSAGE USER DATABASE (B)

CREDIT CARD NUMBER	LIMITATION	NAME	LAST COMMUNICATION TIME	THE MONTH BEFORE LAST PARAMETER	LAST MONTH PARAMETER	THIS MONTH PARAMETER
2934-5612-6847-5587	98/6	TARO YAMADA	1996.3.31 23:00	471	516	724
4879-5517-5001-6901	97/9	ICHIRO TANAKA	1996.4.4 21:15	436	325	628
9540-1735-9927-0513	97/4	JIRO SUZUKI	1996.4.2 00:45	488	412	509
.....	.....	.....	.....	.....	.....	.....
				332		
				334		
				336		

FIG.8



TRANSMITTAL CONDITION DATABASE 36(A)

MESSAGE URL	INDIVIDUAL LIMIT TYPE	INDIVIDUAL LIMIT	TOTAL LIMIT TYPE	TOTAL LIMIT	DISPLAYED TIME	AGE	SEX	MARRIED	OCCUPATION	ADDRESS	RELATED MESSAGES
A	DAY	3	DAY	1000	---	18-22	MALE	NO	CORPORATION	TOKYO	C
B	TOTAL	10	MONTH	10000	---	--	FEMALE	YES	STUDENT	KANAGAWA	---
C	MONTH	8	MONTH	500	1996.1.1 /12:00	--	--	NO	---	KANTO	A
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FIG.9

## TRANSMITTAL CONDITION DATABASE 36 (B)

[illegible]

FIG. 10

CONNECTION LOG 38

PROVIDER ID	PROVIDER USER ID	EVENT	DATE	TIME
A	X X X	LOGIN	1996.1.31	0:15:00
A	X X X	CHARGE HALT	1996.1.31	0:15:01
B	A A A	LOGIN	1996.1.31	1:21:15
A	X X X	CHARGE START	1996.1.31	2:09:05
A	X X X	CHARGE HALT	1996.1.31	2:15:08
B	B B B			
A	C C C			
.....	.....			

FIG.11

MESSAGE USER ID	MESSAGE ID	DISPLAYED DATE	DISPLAYED TIME	LOG TYPE
000	B	1996.8.25	12:00	1
SSS	A	1996.8.25	12:05	3
BBB	L	1996.8.25	12:06	2
.....	.....	.....	.....	.....

- 1: DISPLAY
- 2: HOMEPAGE DISPLAY
- 3: MATERIAL REQUEST

FIG.12

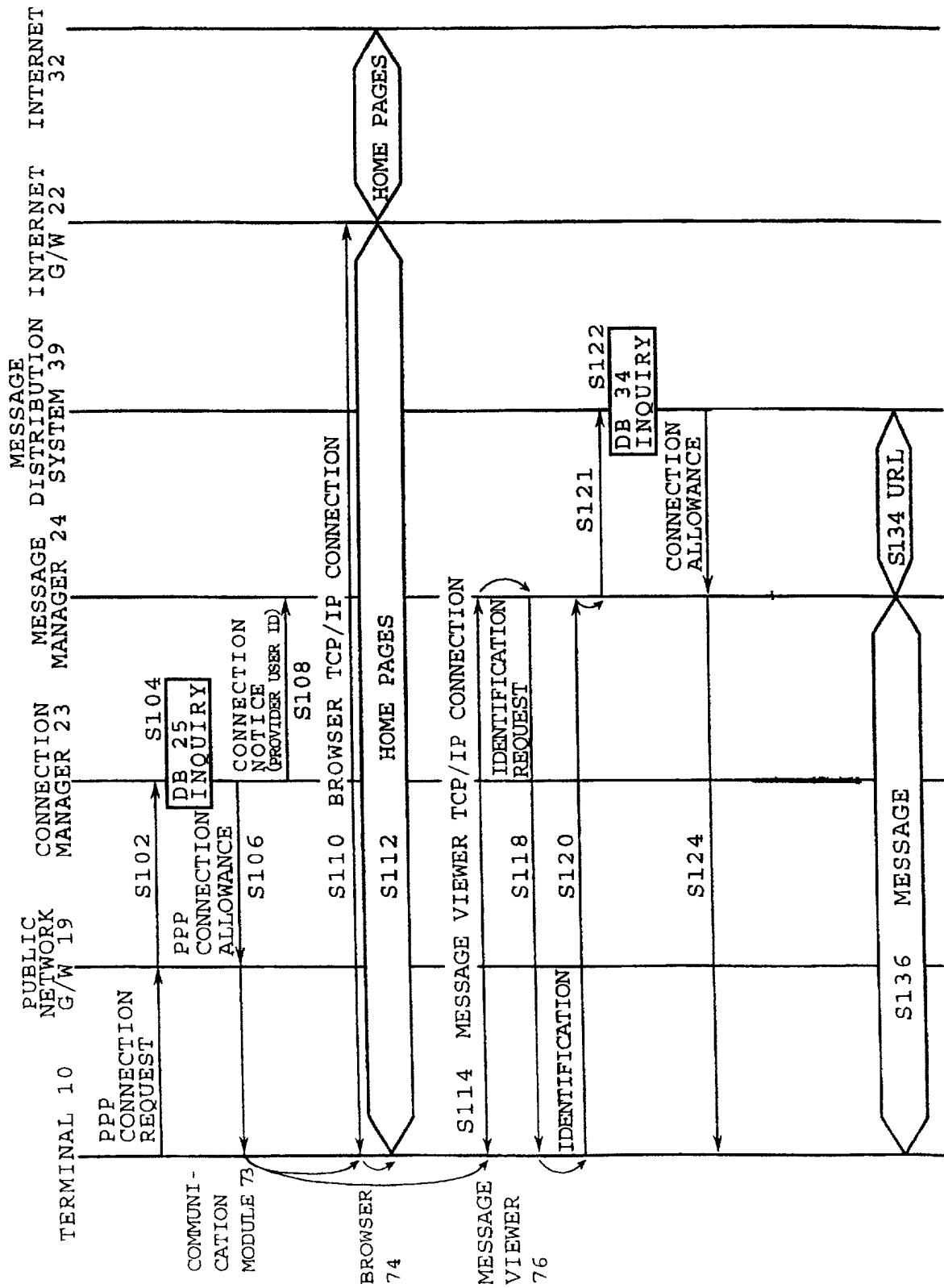
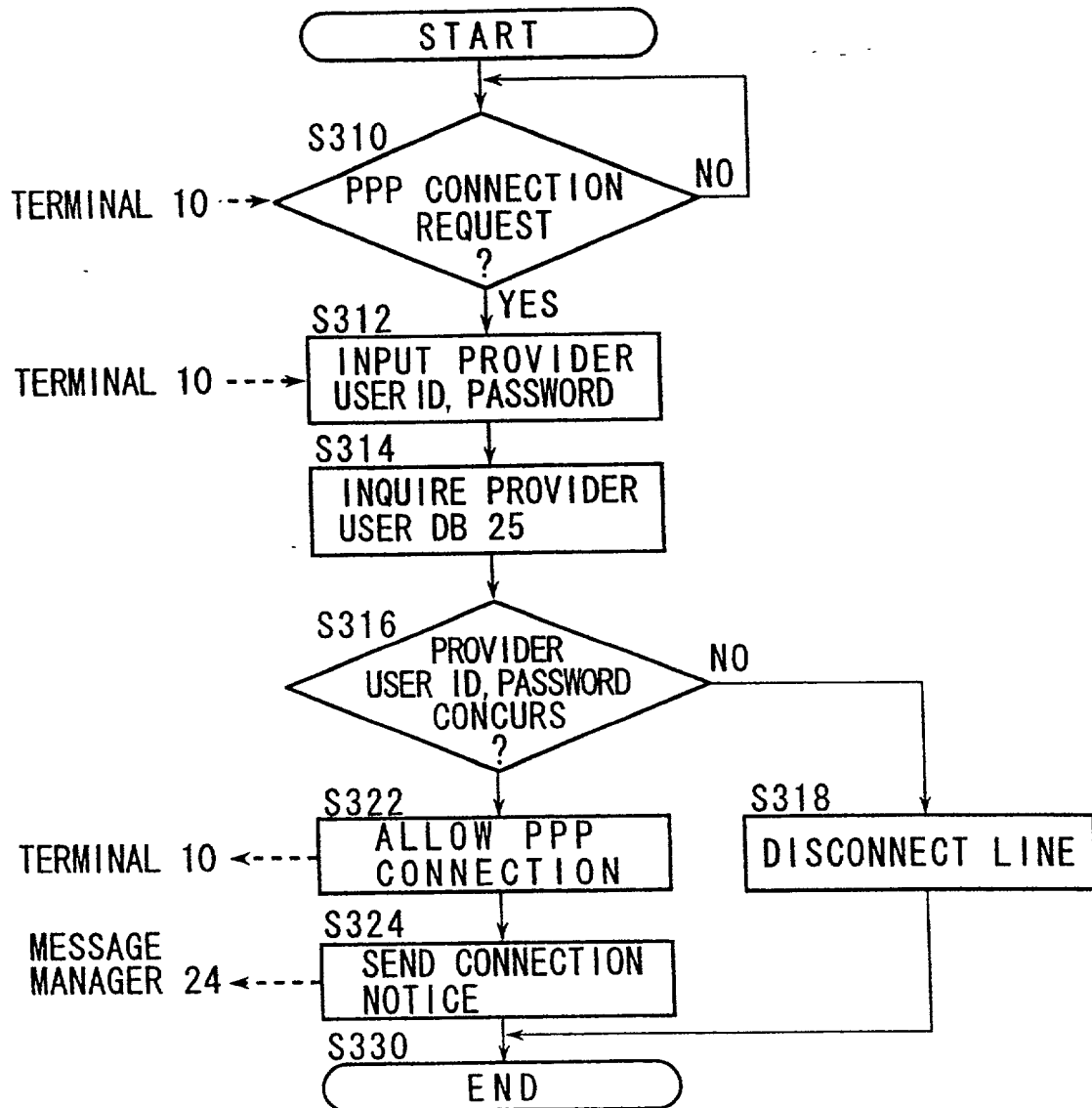


FIG.13



CONNECTION MANAGER 23**FIG.15**

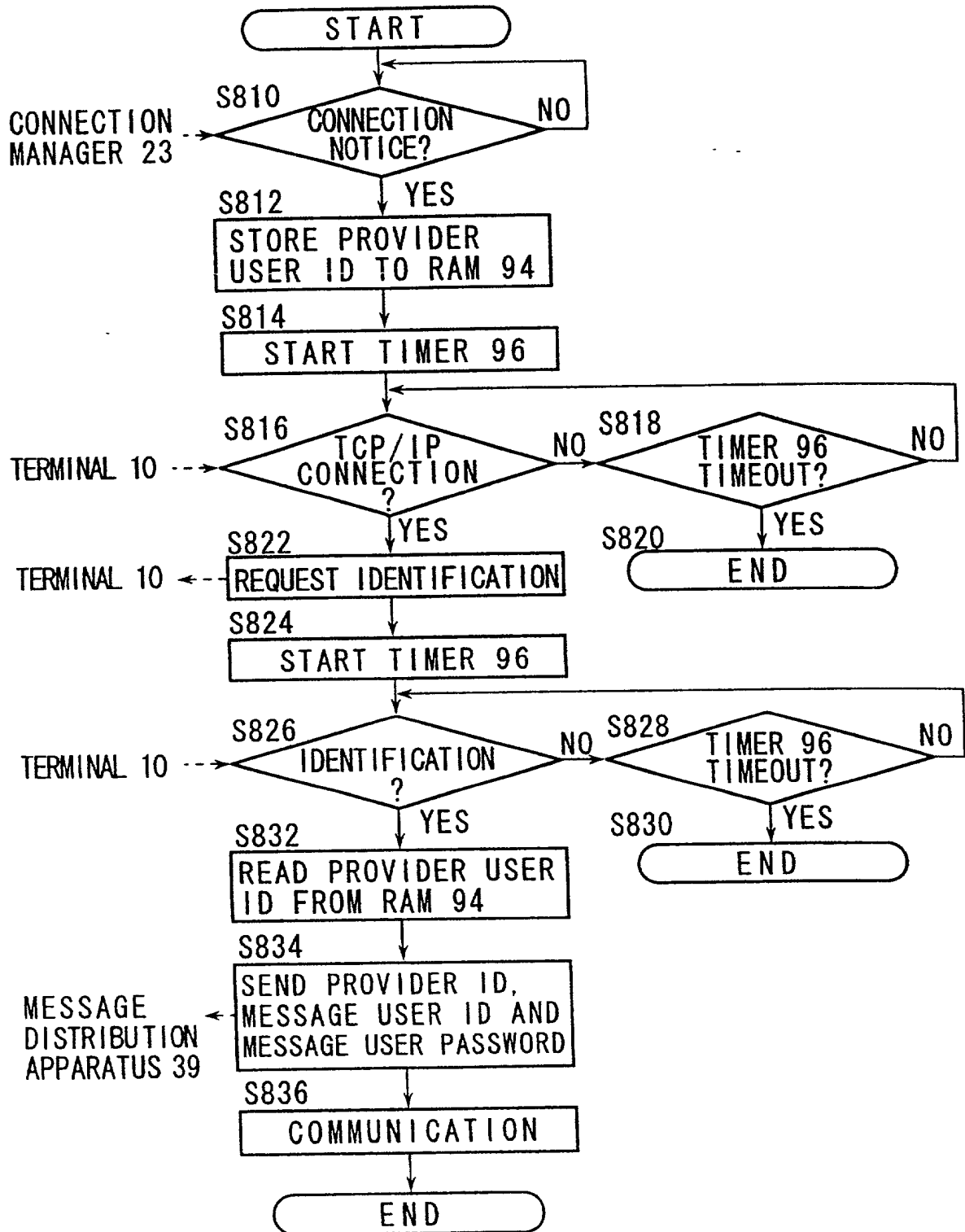
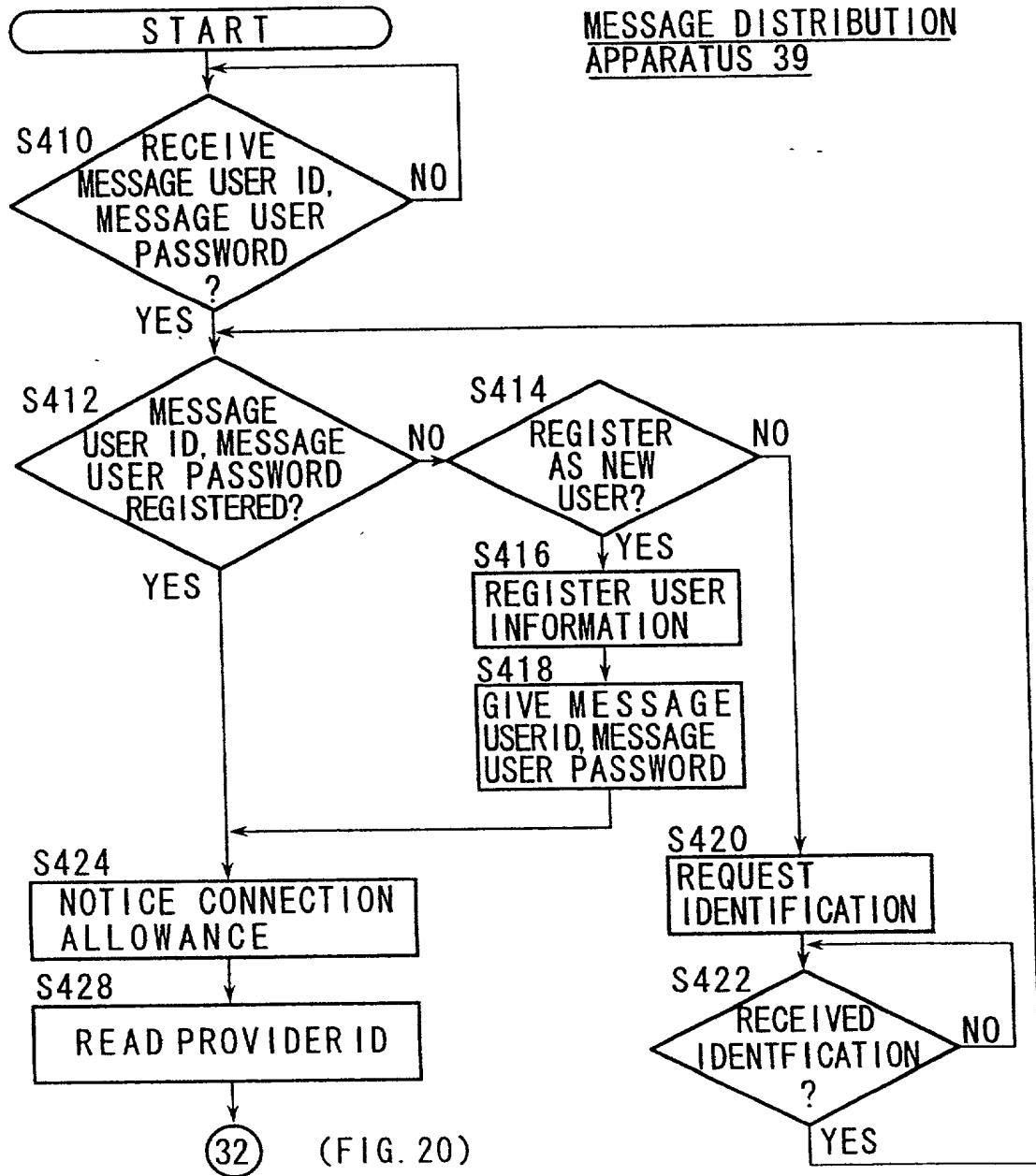
MESSAGE MANAGER 24

FIG.16



MESSAGE DISTRIBUTION  
APPARATUS 39**FIG.17**

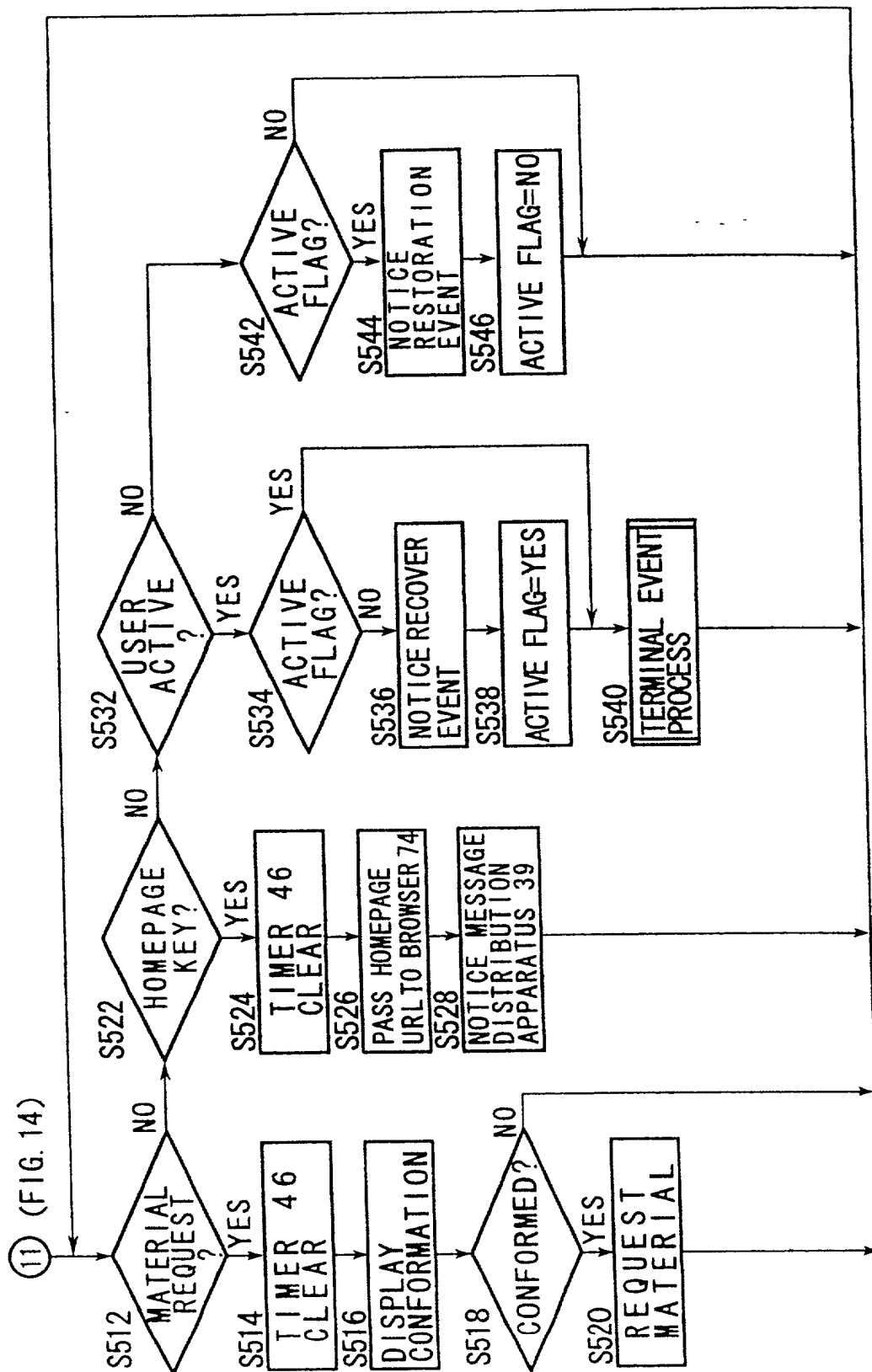


FIG.18

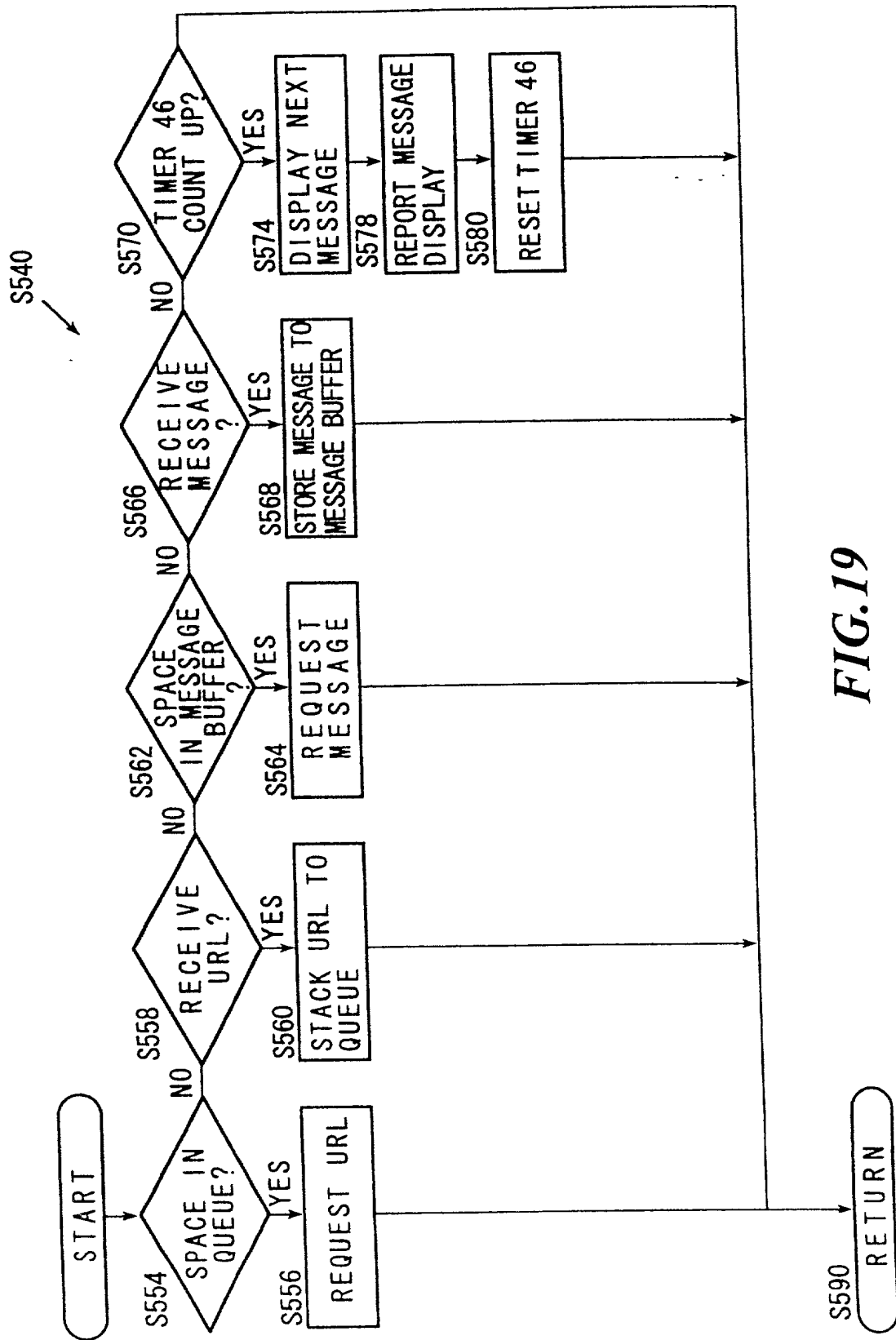
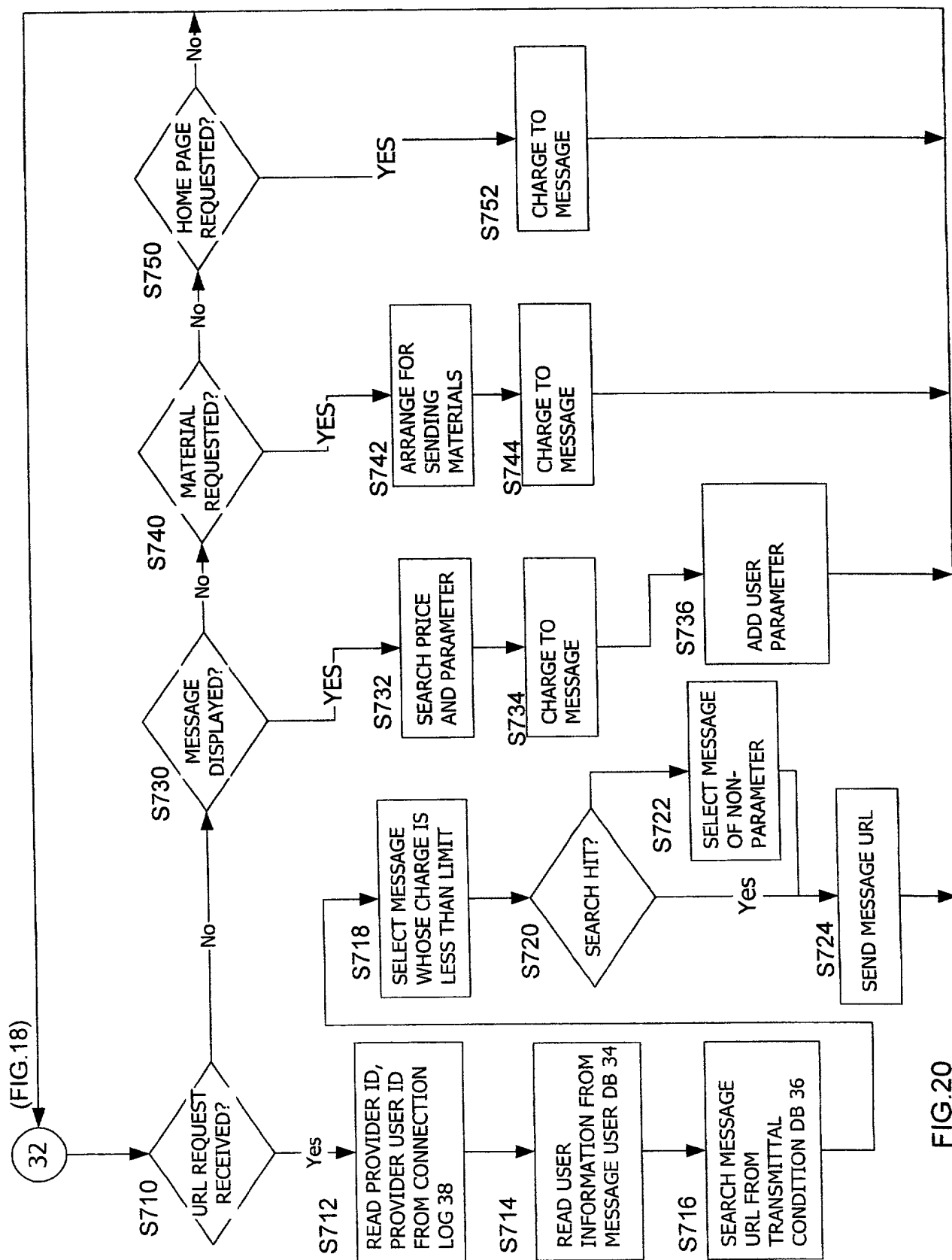
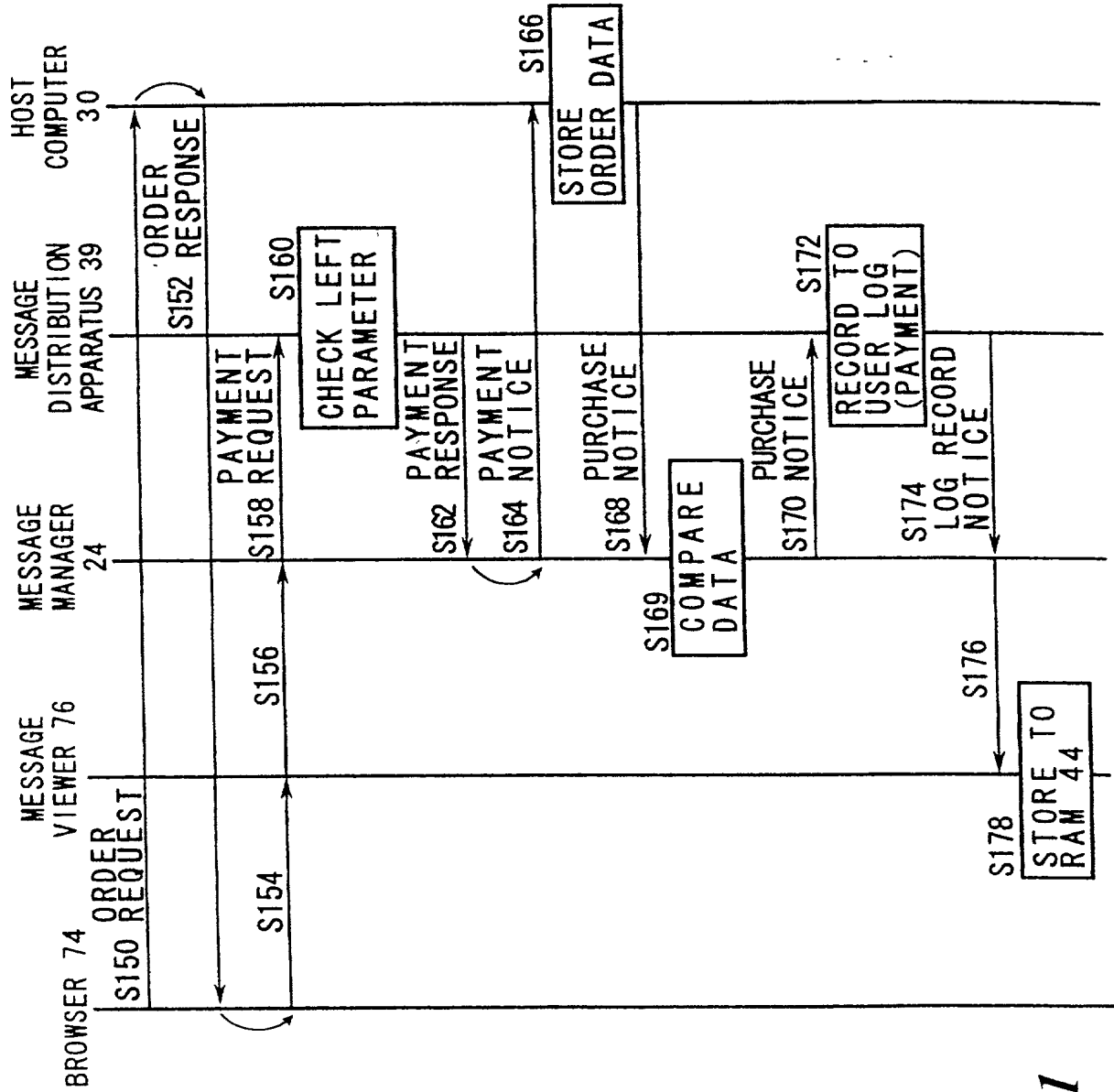


FIG. 19



Parameter	Value	Unit	Parameter	Value	Unit
$\alpha$	0.001		$\beta$	0.001	
$\gamma$	0.001		$\delta$	0.001	
$\epsilon$	0.001		$\zeta$	0.001	
$\eta$	0.001		$\theta$	0.001	
$\iota$	0.001		$\kappa$	0.001	
$\lambda$	0.001		$\mu$	0.001	
$\nu$	0.001		$\xi$	0.001	
$\omicron$	0.001		$\pi$	0.001	
$\rho$	0.001		$\sigma$	0.001	
$\tau$	0.001		$\upsilon$	0.001	
$\phi$	0.001		$\chi$	0.001	
$\psi$	0.001		$\omega$	0.001	
$\Omega$	0.001		$\Theta$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Upsilon$	0.001		$\Xi$	0.001	
$\Gamma$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	
$\Pi$	0.001		$\Theta$	0.001	
$\Upsilon$	0.001		$\Phi$	0.001	
$\Psi$	0.001		$\Xi$	0.001	
$\Omega$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	
$\Pi$	0.001		$\Theta$	0.001	
$\Upsilon$	0.001		$\Phi$	0.001	
$\Psi$	0.001		$\Xi$	0.001	
$\Omega$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	
$\Pi$	0.001		$\Theta$	0.001	
$\Upsilon$	0.001		$\Phi$	0.001	
$\Psi$	0.001		$\Xi$	0.001	
$\Omega$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	
$\Pi$	0.001		$\Theta$	0.001	
$\Upsilon$	0.001		$\Phi$	0.001	
$\Psi$	0.001		$\Xi$	0.001	
$\Omega$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	
$\Pi$	0.001		$\Theta$	0.001	
$\Upsilon$	0.001		$\Phi$	0.001	
$\Psi$	0.001		$\Xi$	0.001	
$\Omega$	0.001		$\Lambda$	0.001	
$\Sigma$	0.001		$\Pi$	0.001	
$\Theta$	0.001		$\Upsilon$	0.001	
$\Phi$	0.001		$\Psi$	0.001	
$\Xi$	0.001		$\Omega$	0.001	
$\Lambda$	0.001		$\Sigma$	0.001	



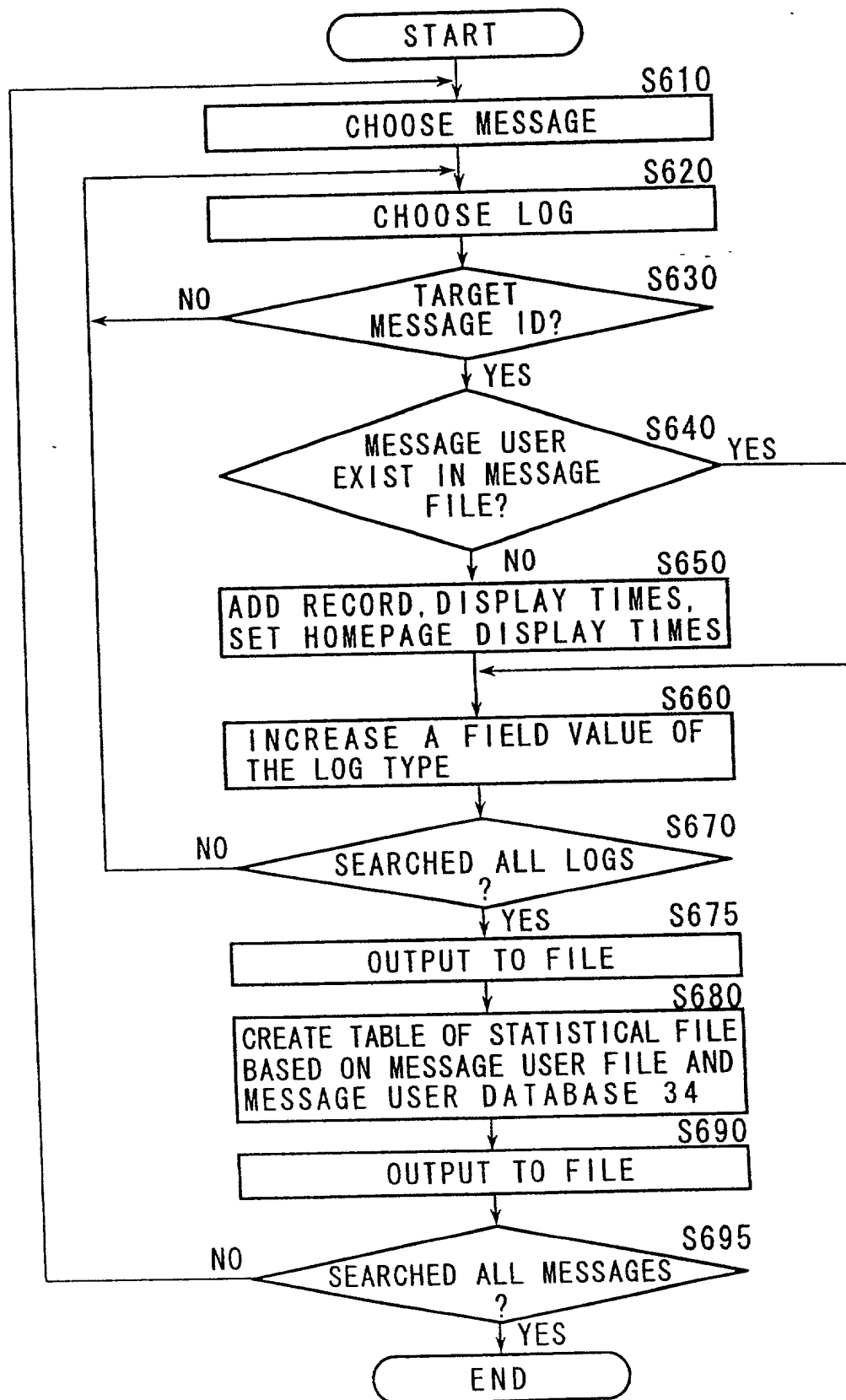


FIG.22



	DISPLAY TIMES	HOME PAGE DISPLAY TIMES	NUMBER OF PEOPLE WHO DISPLAYED MESSAGES	HOME PAGE NUMBER OF PEOPLE WHO DISPLAYED MESSAGES	NUMBER OF PEOPLE REQUESTING MATERIALS
TOTAL					
MAN					
FEMALE					
~20 YEARS OLD					
21~30 YEARS OLD					
31~40 YEARS OLD					
41~50 YEARS OLD					
TOKYO					
CHIBA					
...	...	...	...	...	...

FIG.24



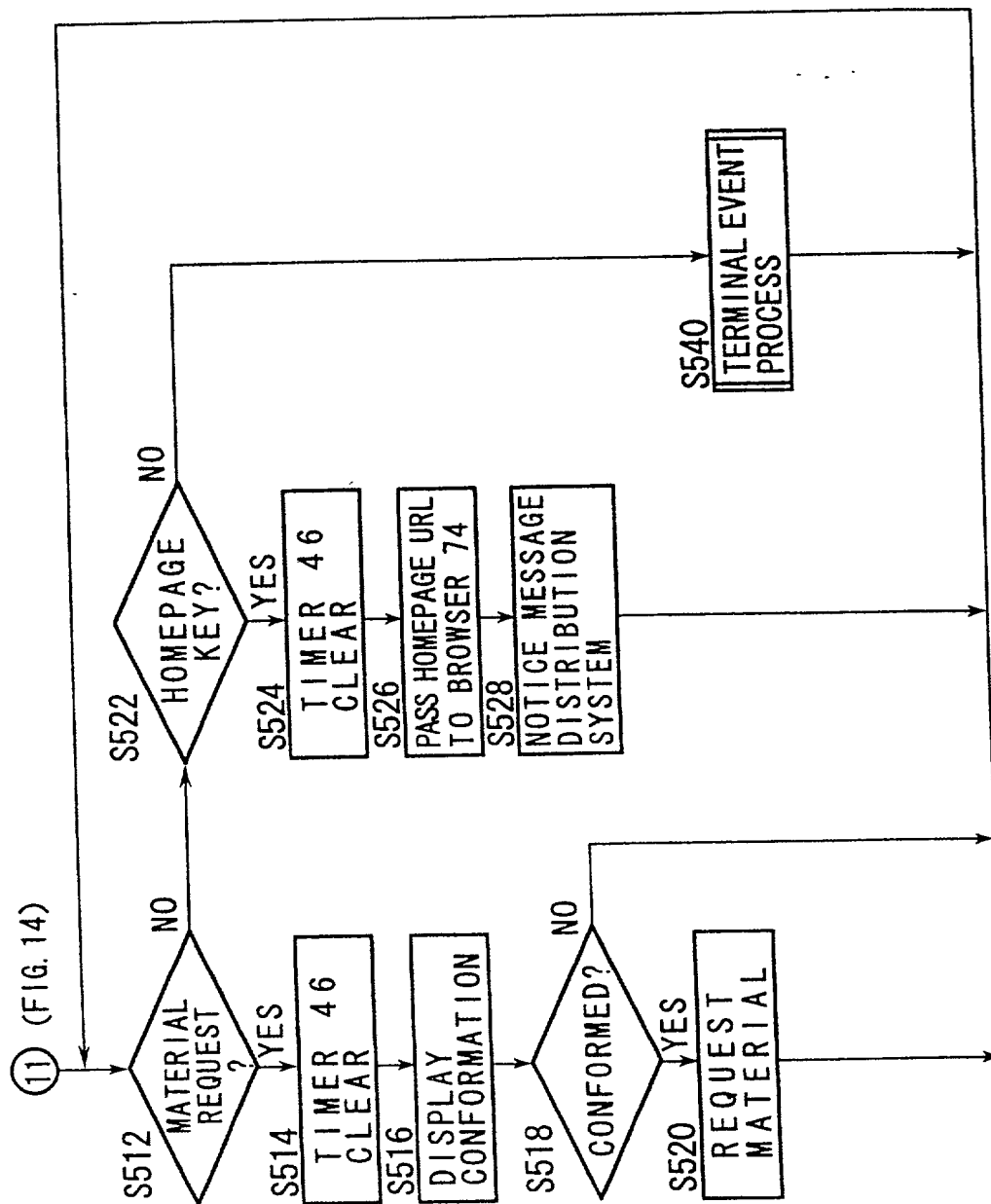


FIG.25

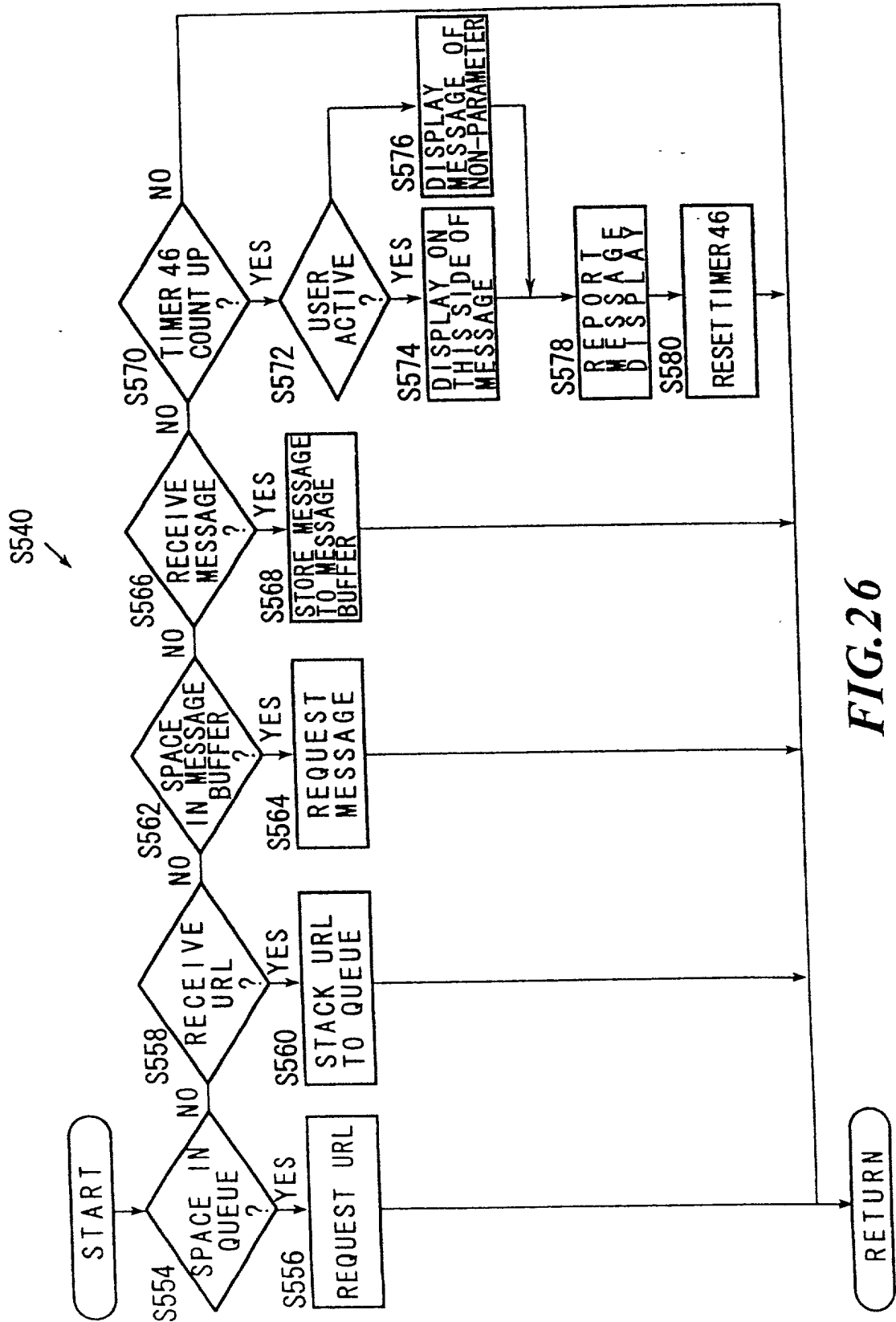


FIG.26



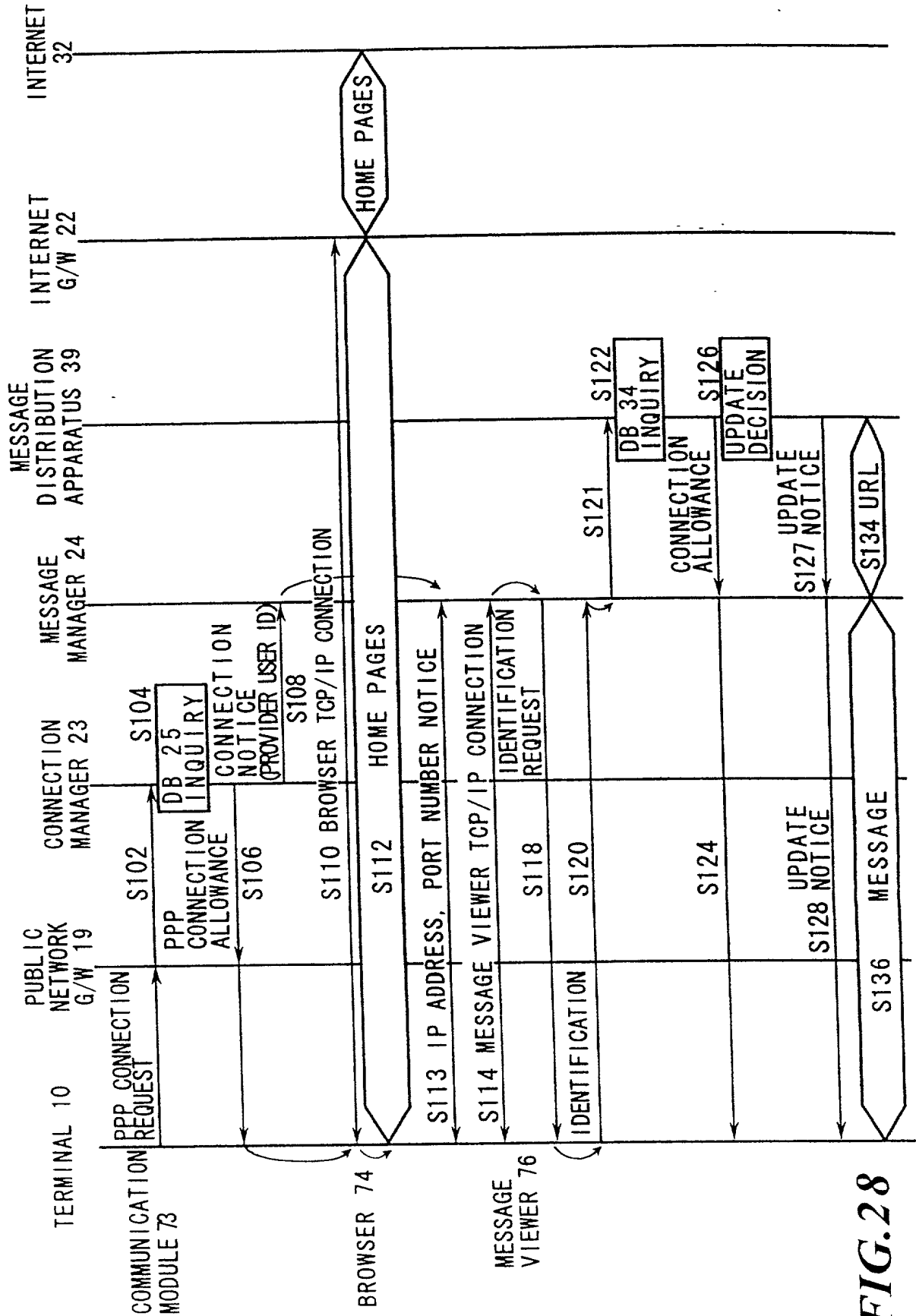
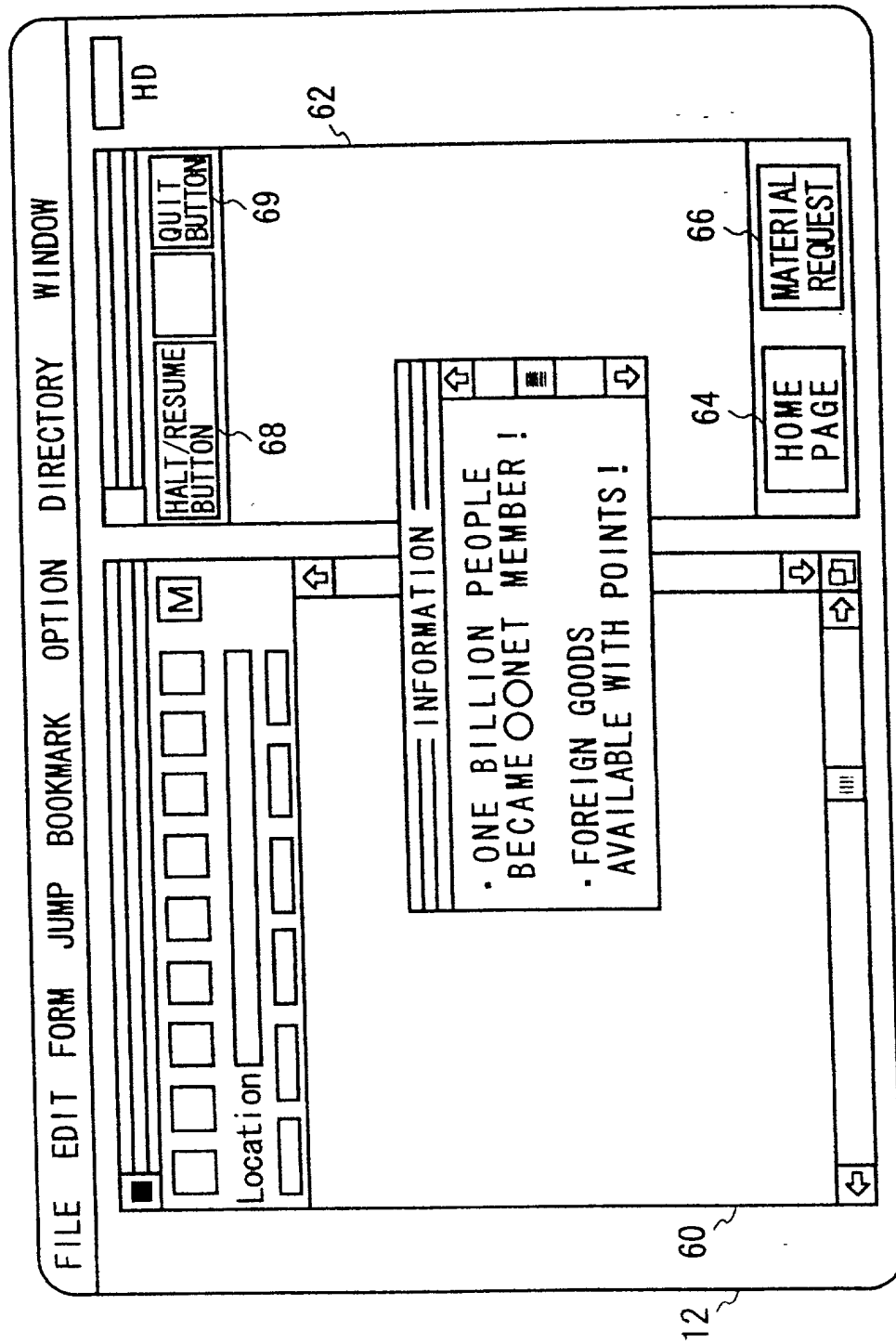
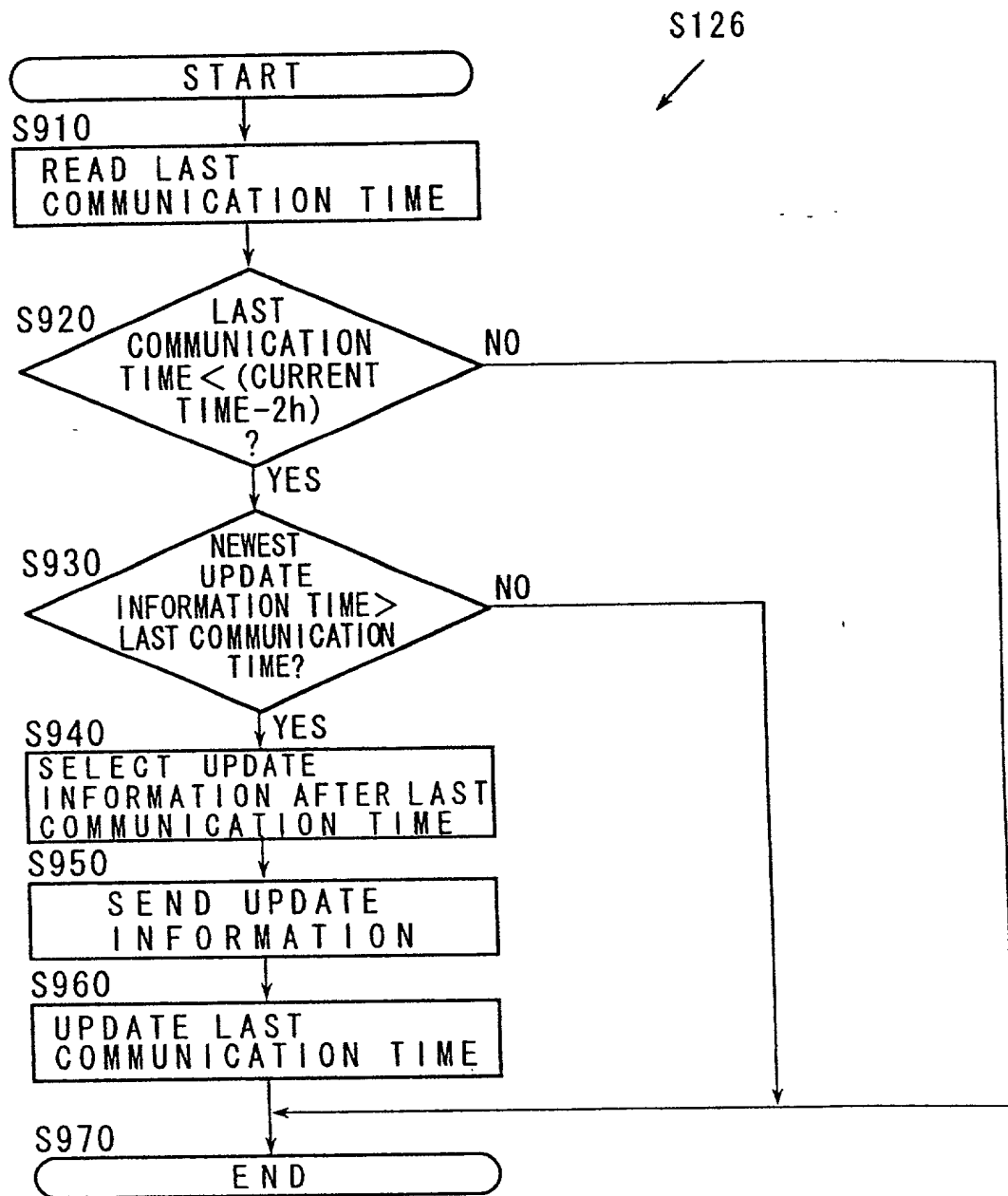


FIG.28



**FIG. 29**

**FIG.30**

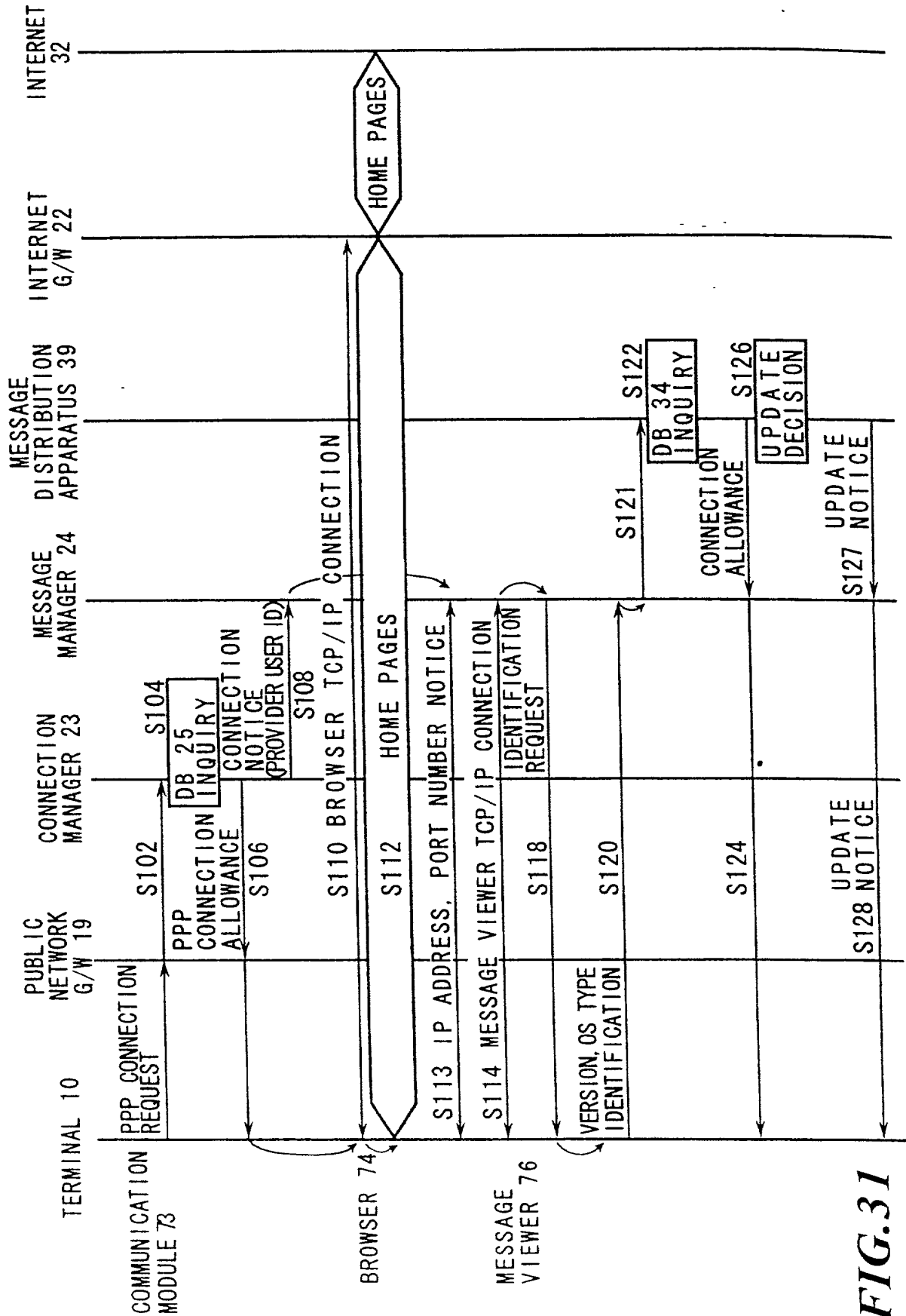


FIG.31

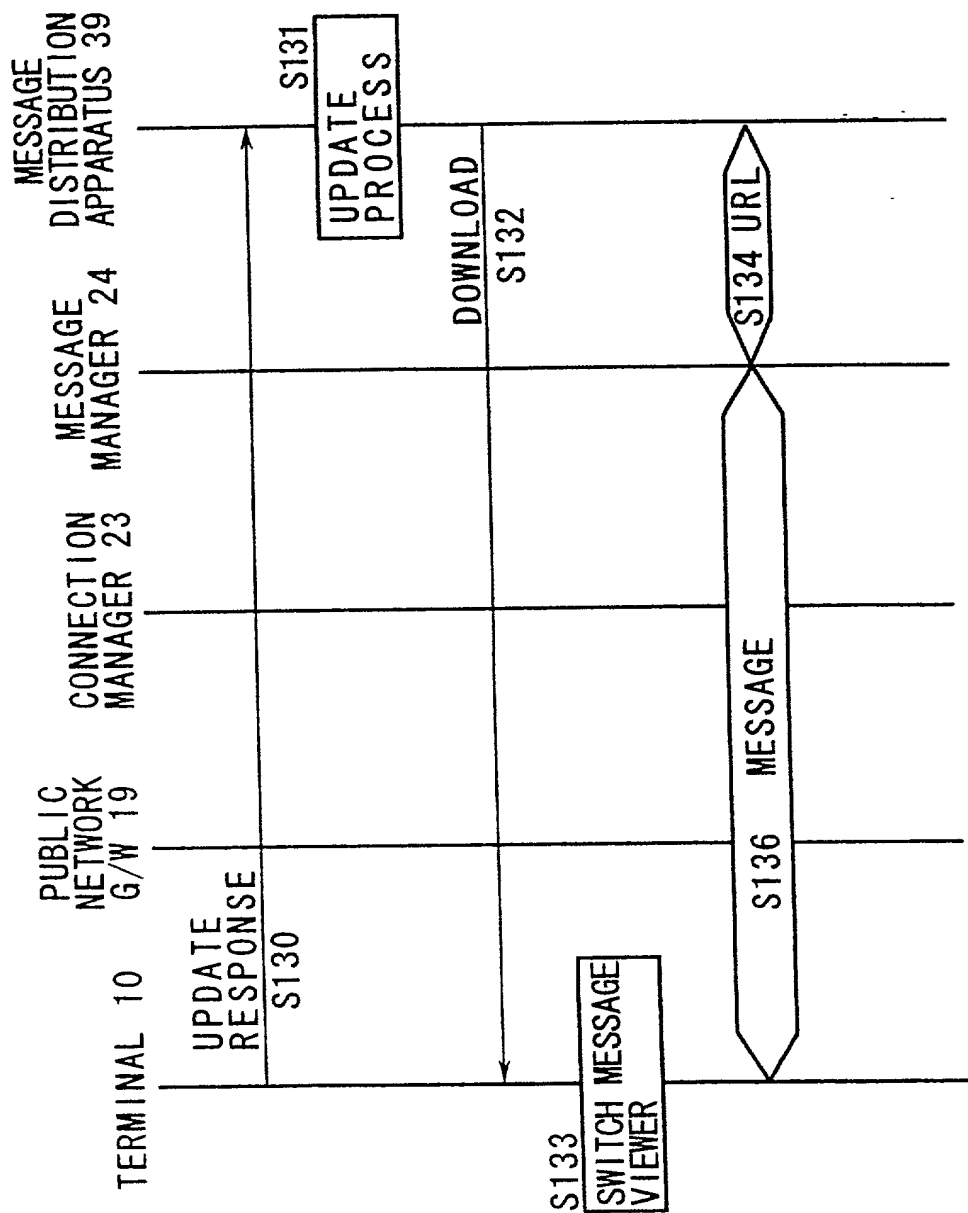


FIG.32



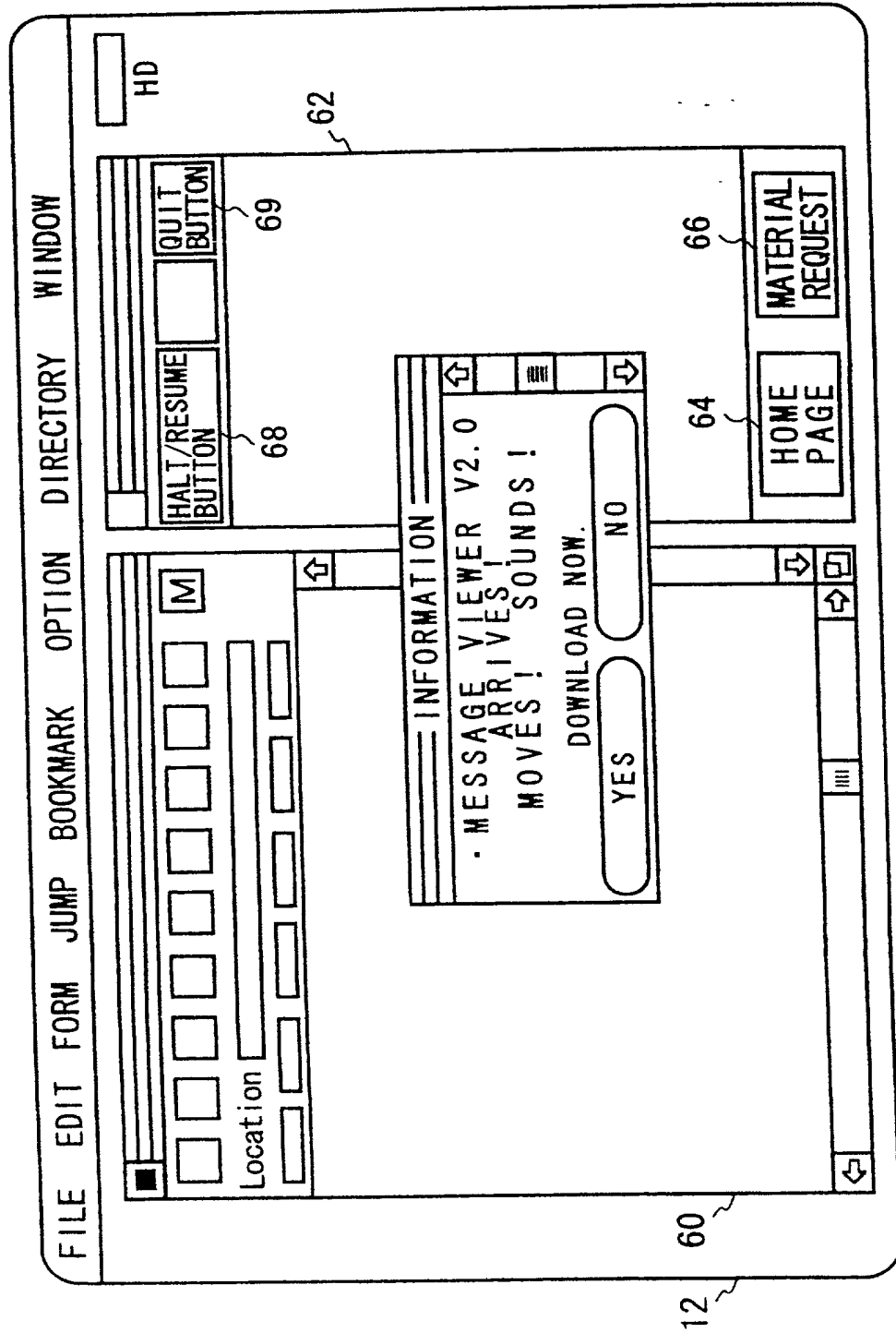


FIG. 33

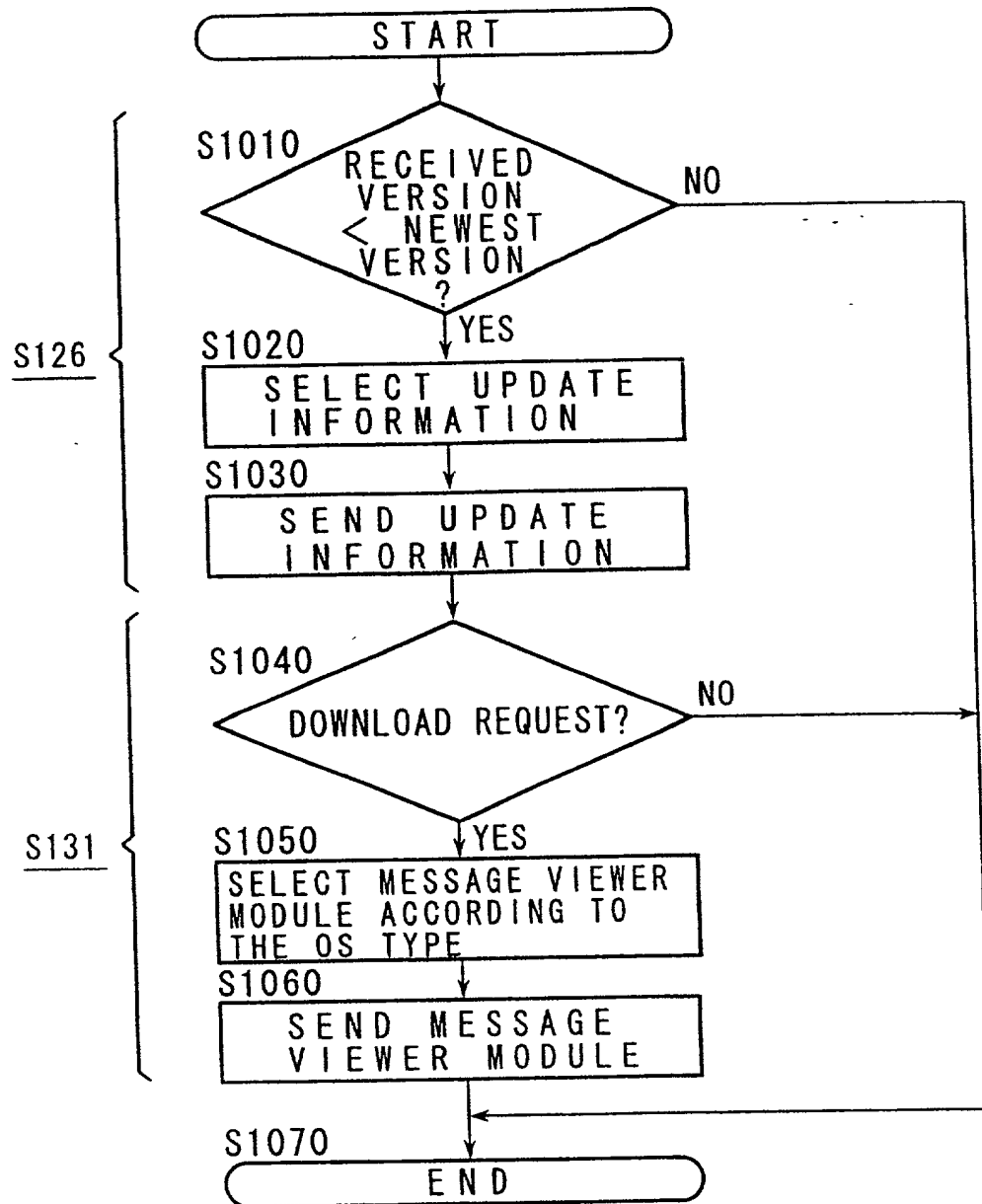


FIG.34

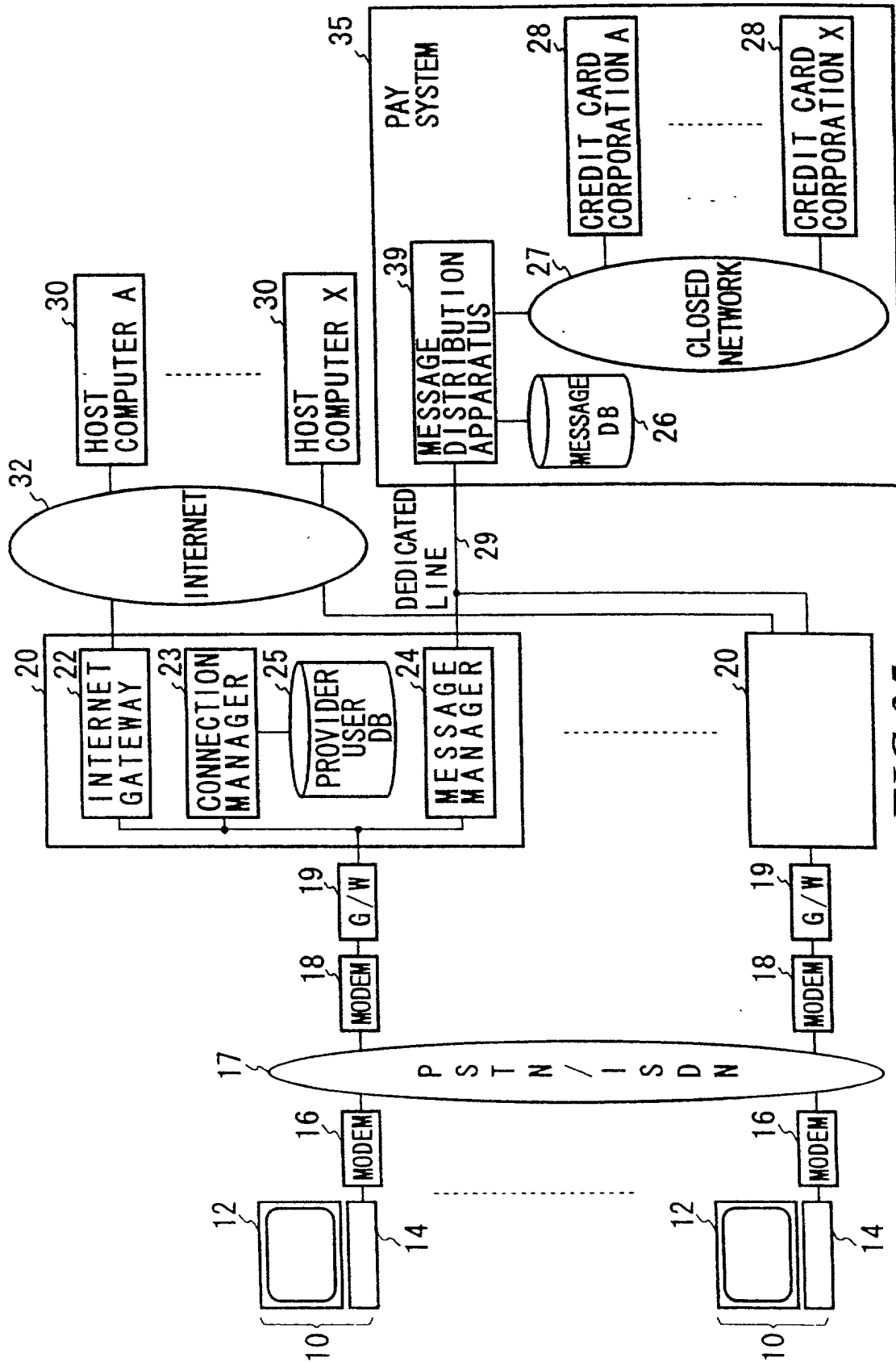


FIG.35

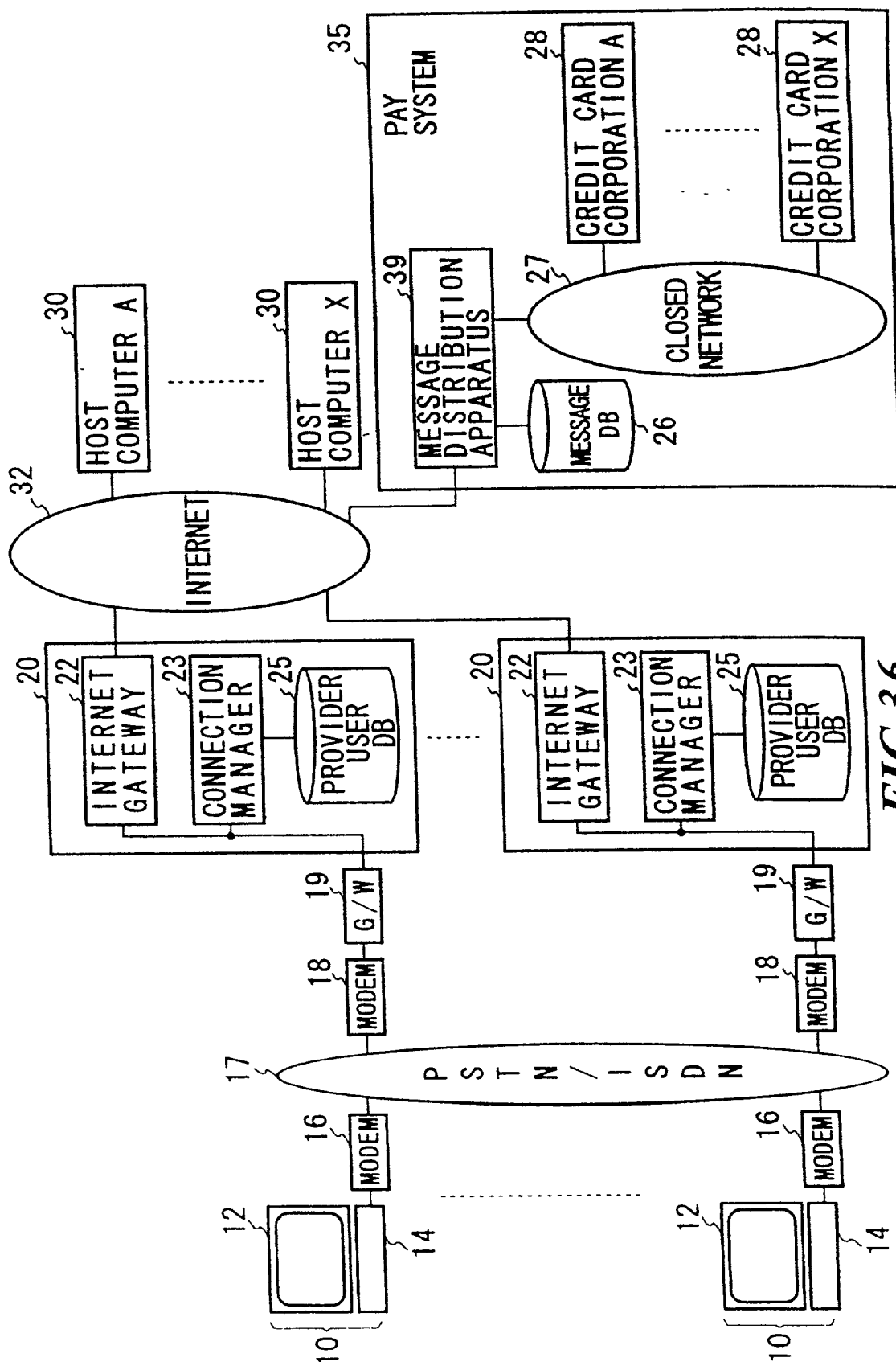


FIG. 36

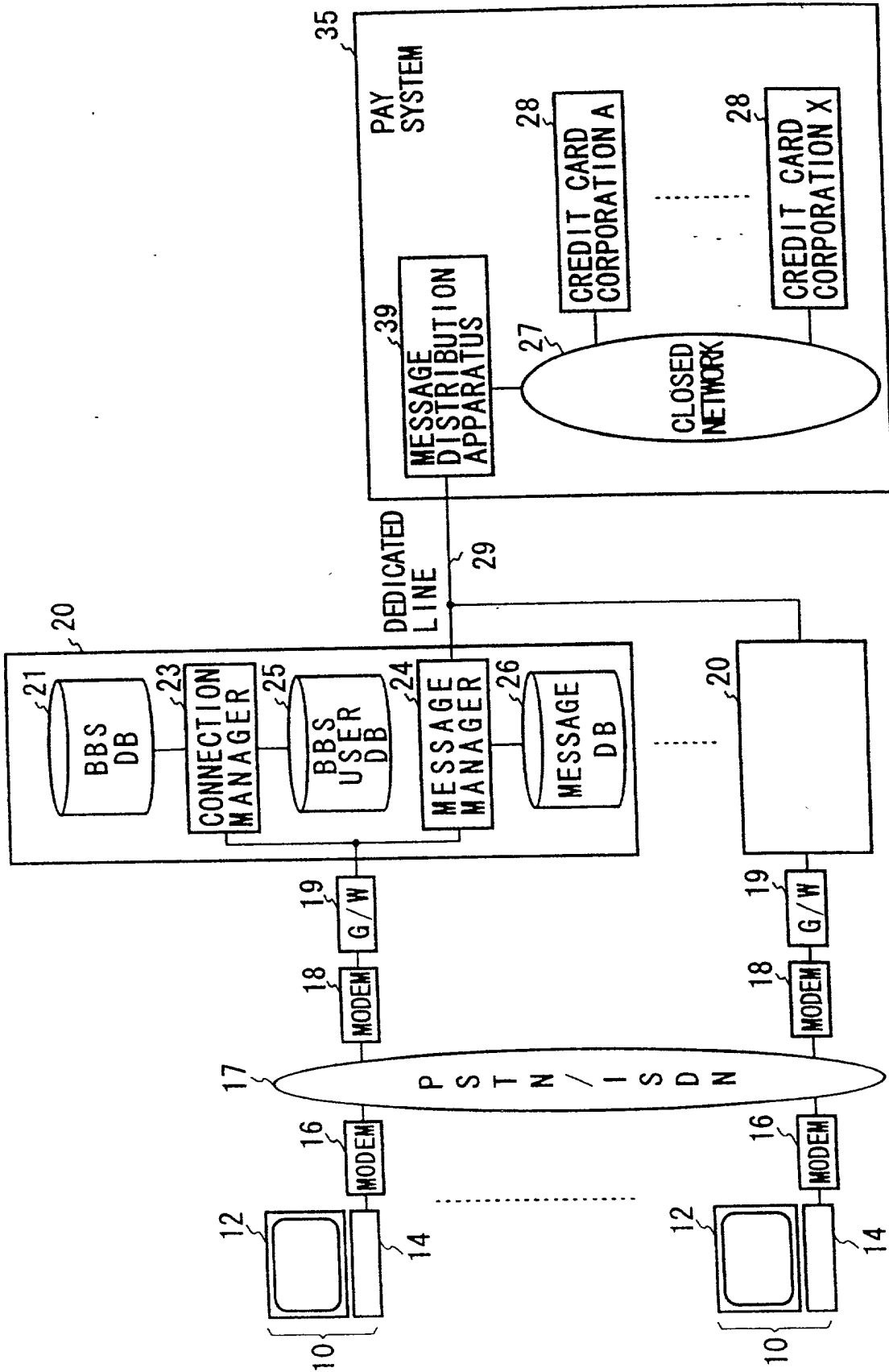


FIG.37